



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of: CROWLEY, R.J.**

**Serial No.: 10/791,668**

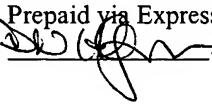
**Filed: 03/02/2004**

**For: OPTICAL ANTENNA ARRAY FOR HARMONIC GENERATION, MIXING  
AND SIGNAL AMPLIFICATION**

**Examiner: CLINGER, J.C.**

**Art Unit: 2821**

**Att'y. Docket No.: RJC-6**

I hereby certify that this document and all documents enclosed herewith are being sent to the Commissioner for Patents, P.O.Box 1450, Alexandria VA 22313, Postage Prepaid via Express Mail on 29 September 2004, Cert # ED 191533910 US, name: D.N. Halgren, signed: 

Hon Commissioner for Patents  
Alexandria VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF  
NONPROVISIONAL APPLICATION**

Dear Sir or Madam:

In response to the Notice to File Missing Parts of Nonprovisional Application letter dated 07/30/2004 in regard to the above-identified pending patent application, enclosed please find :

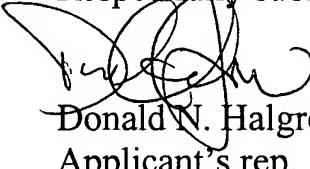
- Copy of "Notice to File Missing Parts" letter;
- Check for \$536.00 filing fee including surcharge; and
- Return Postcard.

The cited missing figures 4, 4a and 4b are submitted herewith under a separate cover letter as a Drawing Correction as recommended by Examiner James Clinger, because this is a Divisional Application, which already incorporated these figures 4, 4a and 4b herein by reference from the Parent Applications.

Serial No.: 10/791,668  
Art Unit: 2821

Entry and Approval of the Drawing Correction as submitted with  
the included separate cover letter is earnestly solicited.

Respectfully submitted,



Donald N. Halgren  
Applicant's rep.  
Reg. No. 27056

35 Central Street  
Manchester, MA 01944

ph: 978-526-8000



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of: CROWLEY, R.J.**

**Serial No.: 10/791,668**

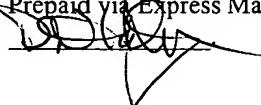
**Filed: 03/02/2004**

**For: OPTICAL ANTENNA ARRAY FOR HARMONIC GENERATION, MIXING  
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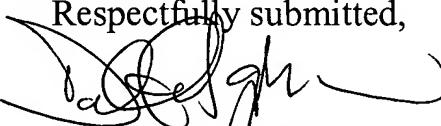
Hon Commissioner for Patents  
Alexandria VA 22313-1450

**Drawing Correction for Approval and Entry by Examiner**

Dear Examiner Clinger:

Enclosed please find submitted herewith, one sheet of drawings (third sheet of four total, showing figures 4, 4a and 4b) which may have been inadvertently omitted from this Divisional Application. No new matter is included. These figures are identical to those in the Parent Applications. This paper is being submitted along with the Response to Missing Parts Notice which includes the appropriate filing fees.

Respectfully submitted,

  
Donald N. Halgren  
Applicant's rep.  
Reg. No. 27056

35 Central Street  
Manchester, MA 01944

ph: 978-526-8000



09-30-04

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

*JFW*

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/791,668	03/02/2004	Robert Joseph Crowley	RJC-6

Donald N. Halgien  
35 Central Street  
Manchester, MA 01944

CONFIRMATION NO. 2721  
FORMALITIES LETTER



\*OC000000013387420\*

Date Mailed: 07/30/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

10/01/2004 MMEKONEN 00000034 10791668

## FILED UNDER 37 CFR 1.53(b)

01 FC:2001 385.00 OP  
02 FC:2051 65.00 OP  
03 FC:2201 86.00 OP

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The following item(s) appear to have been **omitted** from the application:

- Figure(s) 4, 4a and 4b described in the specification.

I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit **must be filed within TWO MONTHS** of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h))) requesting the later filing date **must be filed within TWO MONTHS** of the date of this Notice.

Applicant is advised that generally the filing fee required for an application is the filing fee in effect on the filing date accorded the application and that payment of the requisite basic filing fee on a date later than the filing date of the application requires payment of a surcharge (37 CFR 1.16(e)). To avoid processing delays and payment of a surcharge, applicant should submit any balance due for the requisite filing fee based on the later filing date being requested when submitting the omitted items(s) and the petition (and petition fee) requesting the later filing

date.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within **TWO MONTHS** of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. **THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b).** In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (i.e., the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabeled drawing figures, is required. A copy of the drawing figures showing the proposed changes in red ink should accompany with any drawing changes. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$86** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$536** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$86**
  - **\$86** for 2 independent claims over 3.

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

T. TU

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE